

CORRES. CONTROL  
INCOMING LTR NO.

01341 RF 94

DUE  
DATE

ACTION

DIST. LTR ENC

BERMAN, H.S.	
CARNIVAL, G.J.	
COPP, R.D.	
CORDOVA, R.C.	
DAVIS, J.G.	
FERRERA, D.W.	
FRANZ, W.A.	
HANNI, B.J.	
HEALY, T.J.	
HEDAHL, T.G.	
HILBIG, J.G.	
HUTCHINS, N.M.	
KELL, R.E.	
KIRBY, W.A.	
KUESTER, A.W.	
MAHAFFEY, J.W.	
MANN, H.P.	
MARX, G.E.	
McKENNA, F.G.	
MORGAN, R.V.	
PIZZUTO, V.M.	
POTTER, G.L.	
SANDLIN, N.B.	
SATTERWHITE, D.G.	
SCHUBERT, A.L.	
SETLOCK, G.H.	
STIGER, S.G.	X
SULLIVAN, M.T.	
SWANSON, E.R.	
WILKINSON, R.B.	
WILSON, J.M.	

Peterman B X

Busby W X

Anderson G X

CORRES CONTROL	x	x
ADMN RECORD/080	X	2
PATS/T130G		

Reviewed for Addressee  
Corres. Control RFP

4/13/94 Cm  
DATE BY

Ref Ltr. #

DOE ORDER # 5400.1

RF-46522 (Rev. 01/94)

Department of Energy

ROCKY FLATS OFFICE  
P.O. BOX 928  
GOLDEN, COLORADO 80402-0928

APR 15 2 11 PM '94

APR 1 1994

94-DOE-03783

DOE/ER/0001  
CONFIDENTIAL



303023701

Mr. Gary Baughman  
Hazardous Waste Facilities Unit Leader  
Colorado Department of Health  
4300 Cherry Creek Drive South  
Denver, Colorado 80222-1530

Dear Mr. Baughman:

I have received your letter of March 24, 1994, in which you request further information regarding the data collected during the High Purity Germanium Detector (HPGe) survey of the industrial area. This data was recently reported to you in the Technical Memorandum 1 for Operable Unit (OU) 13.

As you are aware we have been conducting a radiological survey in the industrial area according to the OU 12 approved work plans using the HPGe. This initial survey is almost complete with only a limited number of stations inside the protected area still to be measured. The relatively high measurements for which you expressed concern were recorded with a high sensitivity configured detector located approximately 15 feet above the ground surface. In this mode the area of detection is a circle with a radius of nearly 300 feet. Above ground sources can highly influence the detector in this mode. The higher readings in this initial survey were recorded near buildings and storage areas in which radioactive wastes are stored. The area around building 664 is fenced and signed to inform personnel of the exposure potential and to limit access.

After this initial HPGe survey, the HPGe detector will be reconfigured or a Sodium Iodide (NaI) detector used, and surveys of those areas with higher measurements will be conducted on a reduced grid of approximately 25 foot centers. These detectors operated in closer proximity to the ground surface will be capable of defining any "hot spots" without significant influence from other above ground sources such as buildings and storage containers. This survey is now in the planning stages.

A meeting has been scheduled for April 4, 1994, with Dave Norbury of your staff to discuss this issue. At this meeting we will also discuss our plans for future sampling in these areas.

If you have any questions, please call Steve Slaten of my staff at 966-4839.

Sincerely,

Jessie Roberson  
Acting Assistant Manager for  
Environmental Restoration

ADMIN RECCRD

G. Baughman  
94-DOE-03783

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APR 1 1994

cc:

A. Rampertaap, EM-453  
M. McBride, ER, RFO  
S. Slaten, ER, RFO  
F. Lockhart, ER, RFO  
M. Hestmark, EPA  
S. Stiger, EG&G  
B. Peterman, EG&G  
W. Busby, EG&G  
G. Anderson, EG&G